**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A system comprising:

a first electrode;

~~a~~ at least two second electrodes;

an interstitial electrode disposed between the second electrodes;

a voltage generator electrically coupled to the first electrode and the second ~~electrode~~ electrodes in order, when energized, to create a flow of air in a downstream direction from the first electrode to the second electrode; and

an environmental sensor, wherein the output of the voltage generator is adjusted based on a signal from the sensor.

Claim 2 (original): The system of claim 1, wherein the environmental sensor is a particulate detector.

Claim 3 (currently amended): The system of claim 2, wherein the particulate detector is a photoelectric unit.

Claim 4 (original): The system of claim 1, wherein the environmental sensor detects the presence of humans or animals.

Claim 5 (original): The system of claim 1, wherein the environmental sensor is a passive IR detector.

Claim 6 (original): The system of claim 1, wherein the environmental sensor is an ozone sensor.

Claim 7 (currently amended): The system of claim 1, wherein the first electrode, ~~and~~ the second electrodes, and the voltage generator are on a base unit and the environmental sensor is on a remote unit.

Claim 8 (original): The system of claim 7, wherein the remote unit communicates with the base unit wirelessly.

Claim 9 (currently amended): The system of claim 1, wherein the first electrode, ~~and~~ the second electrodes, the voltage generator, and the environmental sensor are on a single unit.

Claim 10 (original): The system of claim 1, further comprising a control unit adapted to adjust the voltage generator based on the signal from the sensor.

Claim 11 (original): The system of claim 10, wherein the control unit adjusts a peak voltage of the voltage generator output.

Claim 12 (original): The system of claim 10, wherein the control unit adjusts a duty cycle of the voltage generator output.

Claim 13 (currently amended): The system of claim 1, wherein said first electrode is an ion emitter and the second ~~electrode is~~ electrodes are a collector of particulate.

Claim 14 (currently amended): The system of claim 1, wherein said first electrode is positively charged and the second ~~electrode is~~ electrodes are negatively charged.

Claim 15 (currently amended): A system comprising:

a first electrode;

~~a~~ at least two second electrodes;

an interstitial electrode disposed between the second electrodes;

a voltage generator electrically coupled to the first electrode and the second ~~electrode~~ electrodes in order, when energized, to create a flow of air in a downstream direction from the first electrode to the second electrode; and

a control unit to automatically control an output of the voltage generator based on an environmental condition.

Claim 16 (original): The system of claim 15, wherein the environmental condition is a detected level of particulate.

Claim 17 (original): The system of claim 15, wherein the environmental condition is a detected level of ozone.

Claim 18 (original): The system of claim 15, wherein the environmental condition is the detected presence of a human or animal.

Claim 19 (original): The system of claim 15, further comprising a environmental sensor adapted to detect the environmental condition.

Claim 20 (original): The system of claim 19, wherein the environmental sensor is a particulate detector.

Claim 21 (original): The system of claim 20, wherein the particulate detector is a photoelectric unit

Claim 22 (original): The system of claim 19, wherein the environmental sensor is a passive 1R detector.

Claim 23 (original): The system of claim 19, wherein the environmental sensor is an ozone sensor.

Claim 24 (currently amended): The system of claim 19, wherein the first electrode, ~~and~~ second electrodes, voltage generator, and control unit are on a base unit and the environmental sensor is on a remote unit.

Claim 25 (cancelled).

Claim 26 (original): The system of claim 24, wherein the remote unit communicates with the base unit wirelessly.

Claim 27 (currently amended): The system of claim 15, wherein the first electrode, ~~and~~ second electrodes, the voltage generator, and the environmental sensor are on a single unit.

Claim 28 (original): The system of claim 15, wherein the control unit adjusts a peak voltage of the voltage generator output.

Claim 29 (original): The system of claim 15, wherein the control unit adjusts a duty cycle of the voltage generator output.

Claim 30 (currently amended): The system of claim 15, wherein said first electrode is an ion emitter and the second ~~electrode is~~ electrodes are a collector of particulate.

Claim 31 (currently amended): The system of claim 15, wherein said first electrode is positively charged and the second ~~electrode is~~ electrodes are negatively charged.

Claim 32 (currently amended): A system comprising:

a first electrode;

~~a~~ at least two second electrodes;

an interstitial electrode disposed between the second electrodes;

a voltage generator electrically coupled to the first electrode and the second ~~electrode~~ electrodes in order, when energized, to remove some particulate from air; and

a particulate detector, wherein the output of the voltage generator is adjusted based on a signal from the particulate detector.

Claim 33 (original): The system of claim 32, the particulate detector is a photoelectric unit.

Claim 34 (currently amended): The system of claim 32, wherein the first electrode, ~~and~~ second electrodes and the voltage generator are on a base unit and the particulate detector is on a remote unit.

Claim 35 (original): The system of claim 34, wherein the remote unit communicates with the base unit wirelessly.

Claim 36 (currently amended): The system of claim 32, wherein the first electrode, ~~and~~ second electrodes, the voltage generator, and the environmental sensor are on a single unit.

Claim 37 (original): The system of claim 32, further comprising a control unit adapted to adjust the voltage generator based on the signal from the particle detector.

Claim 38 (original): The system of claim 37, wherein the control unit adjusts a peak voltage of the voltage generator output.

Claim 39 (original): The system of claim 37, wherein the control unit adjusts a duty cycle of the voltage generator output.

Claim 40 (currently amended): The system of claim 32, wherein said first electrode is an ion emitter and the second electrodes ~~is~~ are a collector of particulate.

Claim 41 (currently amended): The system of claim 32, wherein said first electrode is positively charged and the second electrodes ~~is~~ are negatively charged.

Claim 42 (currently amended): The system of claim 32, wherein the voltage generator creates a flow of air in a downstream direction from the first electrode to the second electrodes.

Claim 43 (currently amended): A method comprising the steps of:

generating an electrical potential between a first electrode and ~~a~~ at least two second electrodes in order to create a flow of air in a downstream direction from the first electrode to the second electrode, wherein an interstitial electrode is disposed between the second electrodes;; and

adjusting the electrical potential based on a signal from an environmental sensor.

Claim 44 (original): The method of claim 43, wherein a peak voltage of the electrical potential is adjusted.

Claim 45 (original): The method of claim 43, wherein a duty cycle of the electrical potential is adjusted.

Claim 46 (original): The method of claim 43, wherein the environmental sensor is a particulate detector.

Claim 47 (original): The method of claim 43, wherein the environmental sensor is a passive IR detector.

Claim 48 (original): The method of claim 43, wherein the environmental sensor is an ozone sensor.

Claim 49 (currently amended): The method of claim 43, wherein the first electrode and the second electrodes are on a base unit and the environmental sensor is on a remote unit.

Claim 50 (original): The method of claim 49, wherein the remote unit communicates with the base unit wirelessly.

Claim 51 (currently amended): The method of claim 43, wherein the first electrode, ~~and~~ second electrodes and the environmental sensor are on a single unit.

Claim 52 (original): The method of claim 43, wherein electrical potential is produced by a voltage generator.

Claim 53 (original): The method of claim 52, wherein a control unit adjusts output of the voltage generator based on the signal from the sensor.

Claim 54 (currently amended): The method of claim 43, wherein the first electrode is an ion emitter and the second electrodes ~~is~~ are a collector of particulate.

Claim 55 (currently amended): The method of claim 43, wherein said first electrode is positively charged and the second electrodes ~~is~~ are negatively charged.